



SEQUENCE LISTING

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Kelker, Norman E.  
Engelhardt, Dean L.

<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING  
COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENG-53(D3).SEQUENCE.080599

<140> 08/978,636

<141> 1997-11-25

<150> 08/574,443

<151> 1995-12-15

<160> 51

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

<212> PRT

<213> Influenza virus

<220>

<223> Description of Artificial Sequence:peptide

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Met Ile Ala Gly  
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<210> 2

<211> 20

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

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<400> 2  
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<210> 3  
<211> 15  
<212> DNA  
<213> Simian virus 40

<220>  
<223> Description of Artificial Sequence:peptide

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ctctaaggta aatat

<210> 4  
<211> 16  
<212> DNA  
<213> Simian virus 40

<220>  
<223> Description of Artificial Sequence:peptide

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<400> 4  
tgtatttttag attcaa

<210> 5  
<211> 19  
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<220>  
<223> Description of Artificial Sequence:peptide

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<210> 6  
<211> 19  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence:peptide

19

<400> 6  
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<210> 7

<211> 19

<212> PNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

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19

<210> 8

<211> 19

<212> RNA

<213> Bacteriophage T7

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<400> 8

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19

<210> 9

<211> 20

<212> PNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

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<210> 10

<211> 49

<212> DNA

<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

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ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgc

49

<210> 11

<211> 55

<212> DNA

<213> Bacteriophage T7

<220>  
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<400> 11  
gaatagttgg tctcgtctct tttttggagg agtgcgttc ttagcgatgt taatc 55

<210> 12  
<211> 46  
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<400> 12  
agaattcgtc tcggagaaag gtaaaattct ctgacatcga actggc 46

<210> 13  
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<212> DNA  
<213> Bacteriophage T7

<220>  
<223> Description of Artificial Sequence:peptide

<400> 13  
gaatagtggt ctccccttag agagcatgtc agc 33

<210> 14  
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<220>  
<223> Description of Artificial Sequence:peptide

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gaattcgggt ctcggtctca ctcggtggcg agg 33

<210> 15  
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<220>  
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gactagtcgt taagcgaacg caaagtc

<210> 16

<211> 36

<212> DNA

<213> Bacteriophage T7

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ggaattogtc tctaaggtaa atataaaatt tttaag

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<212> DNA

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<400> 17

gactagtcgt ctctgaccct aaaatacaca aacaattaga

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<210> 18

<211> 92

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

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92

ctctctcctaaa aaagagacga gaccaactag tc

<210> 19

<211> 92

<212> DNA

<213> Bacteriophage T7

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<210> 20

<211> 73

<212> DNA

<21> Artificial Sequence

<22>

<23> Description of Artificial Sequence:OLIGO

<400> 20  
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ctcttcacaaa aaa 73

<210> 21

<211> 77

<212> DNA

<213> Bacteriophage T7

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<23> Description of Artificial Sequence:peptide

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<210> 22

<211> 13

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<213> Artificial Sequence

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<23> Description of Artificial SequenceOLIGO

<400> 22

ggaattcgtc tcg

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<210> 23

<211> 33

<212> DNA

<213> Artificial Sequence

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<23> Description of Artificial Sequence:OLIGO

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gagaaaggta aaattctctg acatcgaact ggc

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<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

42208

4223 Description of Artificial Sequence:OLIGO

4400 24

17

gtttaaggag agcctct

210 21

211 22

212 DNA

213 Artificial Sequence

42209

4223 Description of Artificial Sequence: OLIGO

4400 25

29

ttccatttta agagactgta gcttgaccg

210 26

211 106

212 DNA

213 Artificial Sequence

4220

4223 Description of Artificial Sequence:OLGIO

4400 26

ggaatttgctc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60

ctctctcaaaa aaagagaaag gtaaaattct ctgacatcga actggc 106

210 27

211 106

212 DNA

213 Artificial Sequence

42208

4223 Description of Artificial Sequence:OLIGO

4400 27

gctagttcga tgtcagagaa ttttaccttt ctcttttttg gaggagtgtc gttcttagcg 60

atgttaatcg tgtccatggt ggtagtcaga gctcgagacg aattcc 106

210 28

211 50

212 DNA

213 Bacteriophage T7

4220

4223 Description of Artificial Sequence:peptide

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<210> 29  
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<212> DNA  
<213> Bacteriophage T7

<400> 29  
gccagttcga tgtcagagaa gtcgttctta gcgatgttaa tcgtgtccat 50

<210> 30  
<211> 77  
<212> DNA  
<213> Human immunodeficiency virus

<220>  
<223> Description of Artificial Sequence:peptide

<400> 30  
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tctgacatcg aactggc 77

<210> 31  
<211> 77  
<212> DNA  
<213> Bacteriophage T7

<400> 31  
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<210> 32  
<211> 69  
<212> DNA  
<213> Human immunodeficiency virus

<220>  
<223> Description of Artificial Sequence:peptide

<400> 32  
gatcattaga ccagatctga gcctgggagc tctctggcta actagggaac ccactgctta 60  
aggtccaag 69

<210> 33  
<211> 69  
<212> DNA



4213 Human immunodeficiency virus

4220

4223 Description of Artificial Sequence:peptide

4400 33

gattcttgag gcttaagcag tgggttcct agttagccag agagctccca ggctcagatc 60  
tggctaat 69

4210 34

4211 61

4212 DNA

4213 Human immunodeficiency virus

4220

4223 Description of Artificial Sequence:peptide

4400 34

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g 61

4210 35

4211 61

4212 DNA

4213 Human immunodeficiency virus

4220

4223 Description of Artificial Sequence:peptide

4400 35

gattcttgag gaggtcttcg tcgctgtctc cgcttcttcc tgccatagga gagcctaagg 60  
t 61

4210 36

4211 62

4212 DNA

4213 Human immunodeficiency virus

4220

4223 Description of Artificial Sequence:peptide

4400 36

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4210 37

4211 62

4212 DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

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<210> 28

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<212> DNA

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<223> Description of Artificial Sequence:oligo

<400> 38

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<210> 39

<211> 38

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

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<210> 40

<211> 70

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

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<210> 41

<211> 70

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 41

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<210> 42

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

<400> 42

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<210> 43

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

<400> 43

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<210> 44

<211> 72

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

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<210> 45

<211> 72

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

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agctcaatc cg 72

<210> 46  
<211> 66  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence:oligo

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<210> 47  
<211> 66  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence:oligo

<400> 47  
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<210> 48  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence:oligo

<400> 48  
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<210> 49  
<211> 65  
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<210> 50  
<211> 67  
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gtattat 67

<210> 51  
<211> 67  
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<220>  
<223> Description of Artificial Sequence:peptide

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gcatgct 67